

Must be sent with
the out going letter,
No Exceptions.

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/593,659
Source: FFWP
Date Processed by STIC: 9/29/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

10593,659

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use **space characters**, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/593,659

DATE: 09/29/2006

TIME: 09:05:50

Input Set : A:\21412YP SL 9 21 06.TXT

Output Set: N:\CRF4\09292006\J593659.raw

4 <110> APPLICANT: Hardwick, James;
 5 Dai, Hongyue;
 6 Lamb, John R.
 7 Sepp-Lorenzino, Laura;
 8 Severino, Michael E.;
 9 Zhang, Chunsheng
 11 <120> TITLE OF INVENTION: Method and Biomarkers for Detecting
 12 Tumor Endothelial Cell Proliferation
 15 <130> FILE REFERENCE: 21412YP
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/593,659
 C--> 17 <141> CURRENT FILING DATE: 2006-09-21
 17 <150> PRIOR APPLICATION NUMBER: PCT/US2005/009874
 18 <151> PRIOR FILING DATE: 2005-03-24
 20 <150> PRIOR APPLICATION NUMBER: 60/556,645
 21 <151> PRIOR FILING DATE: 2004-03-26
 23 <160> NUMBER OF SEQ ID NOS: 22
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 21
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Primer
 32 <400> SEQUENCE: 1
 33 gacagagtcc gaatgcatgc t
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 20
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Primer
 40 <400> SEQUENCE: 2
 41 tgccggtctg gagaaatacc
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 27
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Probe
 48 <400> SEQUENCE: 3
 49 ccctgtgatt ctaaccatgg ccttctc
 51 <210> SEQ ID NO: 4
 52 <211> LENGTH: 24
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Primer
 56 <400> SEQUENCE: 4
 57 cggttcttat caggatcata ggat
 59 <210> SEQ ID NO: 5
 60 <211> LENGTH: 20

Does Not Comply
 Corrected Diskette Needed
 (pg. 1-2)

21

20

27

24

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/593,659

DATE: 09/29/2006

TIME: 09:05:50

Input Set : A:\21412YP SL 9 21 06.TXT

Output Set: N:\CRF4\09292006\J593659.raw

61 <212> TYPE: DNA
 62 <213> ORGANISM: Primer
 64 <400> SEQUENCE: 5
 65 tgtgggaggc aacacgattt
 67 <210> SEQ ID NO: 6
 68 <211> LENGTH: 24
 69 <212> TYPE: DNA
 70 <213> ORGANISM: Probe
 72 <400> SEQUENCE: 6
 73 tcaggaatag gctgcctgca cccc
 75 <210> SEQ ID NO: 7
 76 <211> LENGTH: 22
 77 <212> TYPE: DNA
 78 <213> ORGANISM: Primer
 80 <400> SEQUENCE: 7
 81 gaccgaaacg tggctgtcta tc
 83 <210> SEQ ID NO: 8
 84 <211> LENGTH: 20
 85 <212> TYPE: DNA
 86 <213> ORGANISM: Primer
 88 <400> SEQUENCE: 8
 89 gtgatgtgca ccgcatagct
 91 <210> SEQ ID NO: 9
 92 <211> LENGTH: 22
 93 <212> TYPE: DNA
 94 <213> ORGANISM: Probe
 96 <400> SEQUENCE: 9
 97 ccgctacttc cactggcgctc gg
 99 <210> SEQ ID NO: 10
 100 <211> LENGTH: 18
 101 <212> TYPE: DNA
 102 <213> ORGANISM: Primer
 104 <400> SEQUENCE: 10
 105 aattgggctc ctgcacac
 107 <210> SEQ ID NO: 11
 108 <211> LENGTH: 19
 109 <212> TYPE: DNA
 110 <213> ORGANISM: Primer
 112 <400> SEQUENCE: 11
 113 ccaggtgctg cgagttctc
 115 <210> SEQ ID NO: 12
 116 <211> LENGTH: 27
 117 <212> TYPE: DNA
 118 <213> ORGANISM: Probe
 120 <400> SEQUENCE: 12
 121 tggcccgcta caagttctac ctggctt
 123 <210> SEQ ID NO: 13
 124 <211> LENGTH: 2366
 125 <212> TYPE: DNA

20

24

22

20

22

18

19

27

Same
errors

See item
#10 on
error
summary
sheet.

RAW SEQUENCE LISTING

DATE: 09/29/2006

PATENT APPLICATION: US/10/593,659

TIME: 09:05:50

Input Set : A:\21412YP SL 9 21 06.TXT

Output Set: N:\CRF4\09292006\J593659.raw

126 <213> ORGANISM: Rattus

128 <400> SEQUENCE: 13

```

129 agcctcagag caccgtctgt catcaatcca gtccttgctg gtctgccggc ccccttgccg 60
130 cctgcagtca ccgaactgct gtctagagag agcccagcgt cagtaccatg agagtctggc 120
131 ttgcgagcct gttcctctgc gccttggttg cgaactctga aggtggcagt gaacttgaag 180
132 cttctgatga atcaaaactgt ggctgtcaga acggaggagt atgtgtgtcc tacaagtact 240
133 tctccagcat tcgaagatgc agctgccccaa agaaattcaa aggggagcac tgtgagatag 300
134 atacatcaaa aacctgctat catggaaatg gtcaatctta ccgaggaaag gccaaactag 360
135 acaccaaagg ccggccctgc ctggcctgga attcaccgcg tgccttcagc caaacctaca 420
136 atgctcacag atccgatgct cttagcctag gcctggggaa acacaattac tgcaggaacc 480
137 ccgacaacca gaggcgaccc tgggtgctat tgcaaattgg cctaaagcag tttgtccaag 540
138 aatgcattgt gcaggactgc tctctcagca aaaagccttc ttctactgta gaccaacaag 600
139 ggttccagtg tggccagaag gctctaaggc cccgcttcaa gatcgttggg ggagaattca 660
140 ctgtcgttga gaaccagccc tggtttgag ccactctacc gaagaataag ggaggaagcc 720
141 ctccctcctt taaatgtggt gggagcctca tcagtccttg ctgggtggcc agcgccacac 780
142 actgcttcgt gaatcagcca aagaaggaag agtacgttgt ctacctgggt cagtcgaagc 840
143 ggaactccta taaccccga gagatgaagt ttgaggtgga gcagctcatc ttgcacgaag 900
144 acttcagcga cgaaactctg gccttccata atgacatagc cttgctgaag atacgtacca 960
145 gcacgggcca atgcgcacag ccatccagga ccatacagac catctgcctg ccccccagggt 1020
146 ttggtgatgc tccgtttggt tcagactgtg agatcactgg ctccggacaa gagagtgcca 1080
147 ctgactattt ctatccgaag gacctgaaaa tgtcagttgt aaagattatt tctcacgaac 1140
148 agtgaagca gccccactac tatggtctctg aaattaatta taaaatgctg tgtgctgctg 1200
149 acccagagt gaaaacagat tccgtgctgg gagattcagg aggacctctt atctgtaaca 1260
150 tcgatggtcg cccaactctg agcgggattg tgagctggg cagtggatgt gcagagaaaa 1320
151 acaagcctgg tgtctacacg aggggtctcat acttcttgaa ctggattcag tcccacattg 1380
152 gagaagagaa tggcctagcc ttctgatggt ccccaggcaa ctgggggaag aaacggatgg 1440
153 gtcgccactc atccccacgc tgaccgtcct ctgcagcagg gtcactctcca tcatgtggag 1500
154 ggaagagctg aagaaaacag gctctgcact gattccttgc ttgtgctgtc caccaggggtg 1560
155 aacccaata gtattaccct cagacacagg tctgggtgct ggccatccag accatcctga 1620
156 ccaggatgga aatcaactct gactcaagat gaatagatgg ggagttgtct ttttatgac 1680
157 taaagccatc tgcagtttaa aaacccaagt gtaggaggag agttggttcc cctaattgggt 1740
158 cattcatgag gtctgctgtt gggaaataaa tgatttccca attaggaagt gtaacagctg 1800
159 aggtattctg aggggtgctt tccaatatga gcacagtagt gtgaagagta gagacactaa 1860
160 tggcttgagg gaacagttct tgcaccccat gagtggatca ggaaatattg tgtgcgtgtg 1920
161 catgtgcatg tgtgtatgtg tgcgtgtgtg tgcgtgtgtg tgtgtgtgcg tgtgtgtgtt 1980
162 tgcctactgt gcacaggttg tgagtataaa tctgagcaaa gctggtgtat tccgttatct 2040
163 aactgcaagt ctaggatttt cctcctctcc agactgtgat gcggcccatc tgggtcttccg 2100
164 tgatgtcca cttgaatgta ttattcccg catgaccctg gaccagcagc taatgtctgc 2160
165 ttacttttt atatagatgt ccccttctct gccagttacc attttttttt ttttttttac 2220
166 taattagcct agttcatcca atcctcactg ggtggggtaa gggccactca tatacttaat 2280
167 atttaataat tatgttctgc cttttttatt tatacttatt ttataattc tatgtaaagg 2340
168 tgatcaataa aatgtgattt tttctg 2366

```

170 <210> SEQ ID NO: 14

171 <211> LENGTH: 2360

172 <212> TYPE: DNA

173 <213> ORGANISM: Homo Sapien

175 <400> SEQUENCE: 14

```

176 acagtgcgga gaccgcagcc ccggagcccc ggccagggtc cacctgtccc cgcagcgccc 60
177 gctcgcgccc tcttgcgcga gccaccgagc cgccgtctag cgccccgacc tcgccaccat 120

```

RAW SEQUENCE LISTING

DATE: 09/29/2006

PATENT APPLICATION: US/10/593,659

TIME: 09:05:50

Input Set : A:\21412YP SL 9 21 06.TXT

Output Set: N:\CRF4\09292006\J593659.raw

```

178 gagagccctg ctggcgcgcc tgcttctctg cgtcctggtc gtgagcgact ccaaaggcag 180
179 caatgaactt catcaagttc catcgaactg tgactgtcta aatggaggaa catgtgtgtc 240
180 caacaagtac ttctccaaca ttcactgggtg caactgcccc aagaaattcg gagggcagca 300
181 ctgtgaaata gataagtcaa aaacctgcta tgaggggaat gggtcactttt accgaggaaa 360
182 ggccagcact gacaccatgg gccggccctg cctgcccctg aactctgcca ctgtccttca 420
183 gcaaacgtac catgcccaca gatctgatgc tcttcagctg ggcctgggga aacataatta 480
184 ctgcaggaac ccagacaacc ggaggcgacc ctgggtgctat gtgcaggtgg gcctaaagcc 540
185 gcttgtccaa gagtgcattg tgcattgact cgcagatgga aaaaagccct cctctcctcc 600
186 agaagaatta aaatttcagt gtggccaaaa gactctgagg ccccgcttta agattattgg 660
187 gggagaattc accaccatcg agaaccagcc ctgggttgctg gccatctaca ggaggcaccg 720
188 ggggggctct gtccactacg tgtgtggagg cagcctcatc agcccttgct gggatgatcg 780
189 gccacacac tgcttcattg attacccaaa gaaggaggac tacatcgtct acctgggtcg 840
190 ctcaaggctt aactccaaca cgcaagggga gatgaagttt gaggtggaaa acctcatcct 900
191 acacaaggac tacagcgtg acacgcttg tcaccacaac gacattgcct tgctgaagat 960
192 ccgttccaag gagggcaggt gtgcgcagcc atcccggact atacagacca tctgcctgcc 1020
193 ctcgatgtat aacgatcccc agtttggcac aagctgtgag atcactggct ttggaaaaga 1080
194 gaattctacc gactatctct atccggagca gctgaaaatg actgttgtga agctgatttc 1140
195 ccaccgggag tgtcagcagc cccactacta cggctctgaa gtcaccacca aaatgctgtg 1200
196 tgctgctgac ccacagtggg aaacagattc ctgccaggga gactcagggg gacccctcgt 1260
197 ctgttccctc caaggccgca tgactttgac tgggaattgt agctggggcc gtggatgtgc 1320
198 cctgaaggac aagccaggcg tctacacgag agtctcacac ttcttaccct ggatccgcag 1380
199 tcacaccaag gaagagaatg gcctggccct ctgaggggtcc ccaggaggga aacgggcacc 1440
200 acccgcttgc ttgtggttg tcatctttgc actagagtc tctccatcag ctgtaagaag 1500
201 agactgggaa gataggctct gcacagatgg atttgccctg gccaccacc agggcgaaacg 1560
202 acaatagctt taccctcagg cataggcctg ggtgctggct gccagaccct ctctggccag 1620
203 gatggagggg tggctctgac tcaacatgtt actgaccagc aacttgtctt tttctggact 1680
204 gaagcctgca ggagttaaaa agggcagggc atctcctgtg catgggtgaa gggagagcca 1740
205 gctccccga cgggtggcat ttgtgaggcc catggttgag aaatgaataa tttcccaatt 1800
206 aggaagtgtg acagctgagg tctcttgagg gagcttagcc aatgtgggag cagcggtttg 1860
207 gggagcagta acactaacga cttcagggga gggctctgat attccatgaa tgtatcagga 1920
208 aatatatatg tgtgtgtatg tttgcacact tgtgtgtggg ctgtgagtgt aagtgtgagt 1980
209 aagagctggg gtctgattgt taagtctaaa tatttcctta aactgtgtgg actgtgatgc 2040
210 cacacagagt ggtctttctg gagaggttat aggtcactcc tggggcctct tgggtcccc 2100
211 acgtgacagt gcctgggaat gtattattct gcagcatgac ctgtgaccag cactgtctca 2160
212 gtttcacttt cacatagatg tccctttctt ggccagttat cccttccttt tagcctagtt 2220
213 catccaatcc tctactgggtg ggggtgaggac cactcctgta cactgaatat ttatatattca 2280
214 ctatttttat ttatatattt gtaattttta ataaaagtga tcaataaaat gtgatttttc 2340
215 tgatgaaaaa aaaaaaaaaa
216 <210> SEQ ID NO: 15
217 <211> LENGTH: 1857
218 <212> TYPE: DNA
219 <213> ORGANISM: Rattus
220 <400> SEQUENCE: 15
221 ctcaagctca cactgggtgg acttcctcgc catgacagtc tgtacctcta actgatccca 60
222 gggatgatac cacctacatt tgggggtggt cttctcgcc cagttaaacc tctctgggag 120
223 caccatcaca caccaccata gaagtttggt ccctagatga ttctaggtcc tgtggagttg 180
224 acaagattga ccatcacgct ctcagcaatc ggggtgaagta aacaccaccg ttgtctccat 240
225 ggaaatgctt aactacggct tgctagtaag gactccagac tccaaagagg ccacaccatg 300
226 aagattctcc tgctgtgtgt ggcactgctg ctgacctggg acaatggcat ggtcctggga 360

```

RAW SEQUENCE LISTING

DATE: 09/29/2006

PATENT APPLICATION: US/10/593,659

TIME: 09:05:50

Input Set : A:\21412YP SL 9 21 06.TXT

Output Set: N:\CRF4\09292006\J593659.raw

```

229 gagcaggagt tctctgacaa tgagctccaa gaactgtcca ctcaaggaag taggtatgtt 420
230 aataaggaga ttcagaacgc cgtccagggg gtgaagcaca taaagaccct catagaaaaa 480
231 accaaccgag agcgcaagtc cctgctcaac agtttagagg aagccaaaaa gaagaaagag 540
232 ggtgctctag atgacaccag ggattctgaa atgaagctga aggctttccc ggaagtgtgt 600
233 aacgagacca tgatggccct ctgggaagag tgtaagccct gcctgaagca cacctgcatg 660
234 aagttctacg caccggtctg caggagcggc tcggggctgg ttggtcgcca gctagaggag 720
235 tttctgaacc agagctcacc cttctacttc tggatgaacg gggaccgcat cgactccctg 780
236 ctggagagtg accggcagca gagccaagtc ctatagctga tgcaggacag cttcactcgg 840
237 gcgtctggca tcatacatat gcttttccag gaccggttct tcacccatga gccccaggac 900
238 atccaccatt tctcccccat gggcttccca cacaagcggc ctcatttctt gtaccccaag 960
239 tcccgcttgg tccgcagcct catgctctc tccactacg ggctctgag cttccacaac 1020
240 atgttccagc ctttctttga tatgatacac caggctcaac aggccatgga cgtccagctc 1080
241 catagcccag ctttacagtt cccggatgtg gatttcttaa aagaagggtga agatgaccgc 1140
242 acagtgtgca aggagatccg ccataactcc acaggatgcc tgaagatgaa gggccagtgt 1200
243 gagaagtgcc aagagatctt gtctgtggac tgttcgacca acaatcctgc ccaggctaac 1260
244 ctgcgccagg agctaaacga ctgcgtccag gtggctgaga ggctgacca gcagtacaac 1320
245 gagctgttct attccctcca gtccaagat ctcaacacct catccctgct ggaacagctg 1380
246 aacgaccagt tcacgtgggt gtcccagctg gctaacctca cacagggcga tgaccagtac 1440
247 cttcgggtct ccacagtgc aacccattct tctgactcag aagtccctc tcgtgtcact 1500
248 gaggtgtgtg tgaagctgtt tgactctgac cccatcacag tgggtgtacc agaagaagtc 1560
249 tccaaggata accctaagtt tatggacaca gtggcagaga aagcgctaca ggaataccgc 1620
250 aggaaaagcc gcatggaatg agacagaagc atcagtttct tatatgtagg agtctcaagg 1680
251 agggaatctc ccagcttccc gaggttgctg cagaccctca gagaactcac atgtctccag 1740
252 cgcttaggcc tccaccccag cagcctctcc ttcctctggg ttctgtactc taatgcctgc 1800
253 acttgatgct ctgggaagaa ctgcttcccc cacgcaacta atccaataaa gcacctt 1857
255 <210> SEQ ID NO: 16
256 <211> LENGTH: 2859
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo Sapien
260 <400> SEQUENCE: 16
261 ctttccgcgg cattcttttg gcgtgagtc tgcaggtttg cagccagccc caaaggggggt 60
262 gtgtgcgcga gcagagcgt ataaatacgg cgcctcccag tgcccacaac gcggcgctgc 120
263 caggaggagc gcgcgggcac aggggtgcgc tgaccgaggc gtgcaaagac tccagaattg 180
264 gaggcattgat gaagactctg ctgctgtttg tggggctgct gctgacctgg gagagtgggc 240
265 aggtcctggg ggaccagacg gtctcagaca atgagctcca ggaaatgtcc aatcagggaa 300
266 gtaagtacgt caataaggaa attcaaaatg ctgtcaacgg ggtgaaacag ataaagactc 360
267 tcatagaaaa aacaaacgaa gagcgcaaga cactgctcag caacctagaa gaagccaaga 420
268 agaagaaaga ggatgcccta aatgagacca gggaaatcaga gacaaagctg aaggagctcc 480
269 caggagtgtg caatgagacc atgatggccc tctgggaaga gtgtaagccc tgcctgaaac 540
270 agacctgcat gaagttctac gcacgcgtct gcagaagtgg ctcaggcctg gttggccgcc 600
271 agcttgagga gttcctgaac cagagctcgc ccttctactt ctggatgaat ggtgaccgca 660
272 tcgactccct gctggagaac gaccggcagc agacgcacat gctggatgtc atgcaggacc 720
273 acttcagccg cgcgtccagc atcatagacg agctcttcca ggacagggtt ttcacccggg 780
274 agccccagga tacctaccac tacctgccct tcagcctgcc ccaccggagg cctcacttct 840
275 tctttcccaa gtcccgcate gtccgcagct tgatgccctt ctctccgtac gagcccctga 900
276 acttccacgc catgttccag cccttctctg agatgataca cgaggctcag caggccattg 960
277 acatccactt ccatgcccg gccttccagc acccgccaac agaattcata cgagaaggcg 1020
278 acgatgaccg gactgtgtgc cgggagatcc gccacaactc cacgggctgc ctgcggatga 1080
279 aggaccagtg tgacaagtgc cgggagatct tgtctgtgga ctgttccacc aacaaccct 1140

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/593,659

DATE: 09/29/2006

TIME: 09:05:51

Input Set : A:\21412YP SL 9 21 06.TXT

Output Set: N:\CRF4\09292006\J593659.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date